**3GPP TSG-SA5 Meeting #146Bis-e *S5-231024***

Electronic meeting, 16 - 19 January 2023

 (revision of xx-yyxxxx)

**Source: Nokia, Nokia Shanghai Bell**

**Title: New WID on SBMA enablers**

**Document for: Approval**

**Agenda Item: 6.2.2**

3GPP™ Work Item Description

Information on Work Items can be found at <http://www.3gpp.org/Work-Items>
See also the [3GPP Working Procedures](http://www.3gpp.org/specifications-groups/working-procedures), article 39 and the TSG Working Methods in [3GPP TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm)

Title: SBMA enablers

Acronym: SBMAe

Unique identifier:

Potential target Release: Rel-18

# 1 Impacts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Affects: | UICC apps | ME | AN | CN | Others (specify) |
| Yes |  |  | X | X |  |
| No |  |  |  |  |  |
| Don't know |  |  |  |  |  |

# 2 Classification of the Work Item and linked work items

## 2.1 Primary classification

### This work item is a …

|  |  |
| --- | --- |
|  | Feature |
|  | Building Block |
| X | *Work Task* |
|  | Study Item |

## 2.2 Parent Work Item

For a brand-new topic, use “N/A” in the table below. Otherwise indicate the parent Work Item.

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| --- |
| Parent Work / Study Items  |
| Acronym | Working Group | Unique ID | Title (as in 3GPP Work Plan) |
| FS\_eSBMAe | SA5 | 950027 | Study on basic Service-Based Management Architecture (SBMA) enabler enhancements |

### 2.3 Other related Work Items and dependencies

None.

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# 3 Justification

TR 28.831 " Study on basic Service-Based Management Architecture (SBMA) enabler enhancements" discusses numerous enhancements for SBMA enabler enhancements and concludes with concrete recommendations. The purpose of this WI is to implement these recommendations into normative specifications.

More specifically, the following issues shall be addressed:

TR 28.831, clause 4.2 proposes to add a node selection mechanism inspired by XPath. Uses cases include targeted notification subscriptions. TS 32.158 and TS 28.532 shall be updated accordingly. This work applies only to the HTTP/JSON SS.

TR 28.831, clause 4.3 proposes an update to the stage 2 definition of "createMOI". TS 28.532 shall be updated accordingly.

TR 28.831, clause 4.4 proposes an update to the stage 2 definition of "modifyMOIAttributes". TS 28.532 shall be updated accordingly.

# 4 Objective

The objectives are:

* for targeted notification subscriptions
* Update stage 2 definitions of the Prov MnS based on the update proposals documented in clause 4.3 and 4.4 of TR 28.831.

# 5 Expected Output and Time scale

|  |
| --- |
| New specifications {One line per specification. Create/delete lines as needed} |
| Type  | TS/TR number | Title | For info at TSG#  | For approval at TSG# | Rapporteur |
|  |  |  |  |  |  |

|  |
| --- |
| Impacted existing TS/TR {One line per specification. Create/delete lines as needed} |
| TS/TR No. | Description of change  | Target completion plenary# | Remarks |
| TS 28.532 | Update stage 2 definitions of the Prov MnS | TSG#102 (Dec 2023) |  |
| TS 28.158 | Add node selection mechanism (inspired by XPath) | TSG#102 (Dec 2023) |  |
| TS 28.532 | Add node selection mechanism (inspired by XPath) | TSG#102 (Dec 2023) |  |
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|  |  |  |  |
| TS 28.533 | Add required high-level descriptions for all capabilities above, if required | TSG#102 (Dec 2023) |  |

# 6 Work item Rapporteur(s)

Pollakowski, Olaf, Nokia, olaf.pollakowski@nokia.com

# 7 Work item leadership

SA5

# 8 Aspects that involve other WGs

None.

# 9 Supporting Individual Members

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| --- |
| Supporting IM name |
| Nokia |
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